

10348700 WASHOE LAKE NEAR CARSON CITY, NV

TRUCKEE RIVER BASIN, TRUCKEE RIVER BASIN

LOCATION.--Lat 39°14'08.72", long 119°46'25.84" referenced to North American Datum of 1983, in NE ¼ SE ¼ sec.19, T.16 N., R.20 E., Washoe County, Hydrologic Unit 16050102, at Washoe Lake State Park, and 4.75 mi north of Carson City.

DRAINAGE AREA.--83.8 mi², including Little Washoe Lake.

WATER-STAGE RECORDS

PERIOD OF RECORD.--Apr 1963 to Sep 1982, Jul 1988 to Jan 1989, Jul and Aug 1989, Oct 1989, Mar 1990 to Feb 1995 (monthend contents only), Oct 1982 to Jun 30, 1988, Feb 19 to Jul 17, and Sep 1-30, 1989, Nov 17, 1989 to Feb 21, 1990, Mar 24, 1995 to current year (daily elevations). During periods of low lake elevations, the lake level was not monitored continuously and elevations obtained were instantaneous readings.

GAGE.--Water-stage recorder. Datum of gage is above National Geodetic Vertical Datum of 1929, from topographic map. Prior to Oct 1, 1982, nonrecording gage at different site but same datum.

REMARKS.--Lake is formed by a natural basin whose natural rim falls below the control works on Little Washoe Lake allowing storage regulation. Total capacity 55,700 acre-ft between elevations 5,017.5 ft and 5,032.7 ft Figures given herein represent total contents including Scripps Wildlife Management Area Marsh. Two transarea diversions enter the lakes, one from Galena Creek and one from Third Creek into Ophir Creek. Franktown Creek is diverted into the Virginia City-Carson City pipeline and during dry years additional water is pumped from Marlette Lake into Hobart Reservoir and released into Franktown Creek for diversion into the Virginia City-Carson City pipeline at Red House. Lake elevations may be affected by wind and seiche movements of the lake surface.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 5,032.62 ft, Jan 28, 1997; no contents at times some years.

EXTREMES FOR CURRENT YEAR.--Maximum recorded elevation, 5,022.57 ft, Jun 14; minimum observed, no contents, Oct and Nov.

Monthend Elevation And Contents, In Feet Above Sea Level, Water Year October 2004 To September 2005

Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)
Sep 30	5,017.50	0	
Oct 31	5,017.50	0	0
Nov 30	5,017.50	0	0
Dec 31	5,018.50	360	+360
Calendar Year 2004	--	--	-1,280
Jan 31	5,019.40	1,230	+870
Feb 28	5,020.30	2,830	+1,600
Mar 31	5,021.10	4,500	+1,670
Apr 30	5,022.20	7,600	+3,100
May 31	5,022.42	8,260	+660
Jun 30	5,022.35	8,050	-210
Jul 31	5,022.00	7,000	-1,050
Aug 31	5,021.07	4,440	-2,560
Sep 30	5,020.58	3,420	-1,020
Water Year 2005	--	--	+3,420

NOTE.--Monthend elevations are interpolated from reading made during the year.